

Recombinant Full Length Human BCL2L11 Protein, GST-tagged

Cat. No. BCL2L11-1629HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BCL2L11 full-length ORF (ENSP00000309226, 1 a.a. - 109 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	109 amino acids
Description	The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The protein encoded by this gene contains a Bcl-2 homology domain 3 (BH3). It has been shown to interact with other members of the BCL-2 protein family, including BCL2, BCL2L1/BCL-X(L), and MCL1, and to act as an apoptotic activator. The expression of this gene can be induced by nerve growth factor (NGF), as well as by the forkhead transcription factor FKHR-L1, which suggests a role of this gene in neuronal and lymphocyte apoptosis. Transgenic studies of the mouse counterpart suggested that this gene functions as an essential initiator of apoptosis in thymocyte-negative selection. Several alternatively spliced transcript variants of this gene have been identified. [provided by RefSeq]
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	38.7 kDa

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AA Sequence	MAKQPSDVSS ECDREGRQLQ PAERPPQLRP GAPTSLQTEP QDRSPAPMSC DKSTQTPSP CQAFNHLYSA MASMRQAEP DMRPEIWIAQ ELRRIGDEFN AYYARRLEK
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	BCL2L11 BCL2-like 11 (apoptosis facilitator) [Homo sapiens]
Official Symbol	BCL2L11
Synonyms	BCL2L11; BCL2-like 11 (apoptosis facilitator); bcl-2-like protein 11; BIM; BimEL; BimL; BOD; bcl2-L-11; bcl-2 interacting protein Bim; bcl-2-related ovarian death agonist; bcl-2 interacting mediator of cell death; BAM; BIM-beta6; BIM-beta7; BIM-alpha6
Gene ID	10018
mRNA Refseq	NM_001204106
Protein Refseq	NP_001191035
MIM	603827
UniProt ID	O43521

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